

List of Significant Proposed Changes for Chapter 117 Continuous Emission Monitoring Systems (CEMS)

Description of Change	Regulation Section Reference
Added several new definitions from federal regulations that have been developed since Chapter 117 was last revised and updated other definitions as appropriate.	2.
Clarifies what constitutes CEMS downtime (Out-of-Control) periods where a monitor is not collecting valid data.	3.D.
Eliminates duplicative reporting requirements by clarifying that a source with a CEMS subject to reporting monitor downtime periods in accordance with the Acid Rain Program requirements, does not also need to report monitor downtime periods in accordance with New Source Performance Standard requirements.	3.D.(1)(d)
Update Maine's regulation to be consistent with federal regulations by decreasing the allowable daily calibration error (drift) for opacity monitors from 5% to 4%.	3.D.(2)
Added language to address newer types of CEMS equipment technology, including continuous emission rate monitoring systems (CERMS) and particulate matter (PM) CEMS throughout the regulation.	2., 3.D.(3) & (4), and 5.
Clarifies what constitutes a valid hour of CEMS data as well as what constitutes a valid 3, 4, 6, 12, and 24 hour block and 30 day rolling average periods that may be specified in a license requirement.	3.C.(2)
Updates and clarifies CEMS quality assurance/quality control requirements.	4.
Codifies ability to replace a monitor that is not working with a like-kind replacement monitor to avoid loss of valid data - as long as a successful cylinder gas audit is completed within 30 days (unless prohibited under some other federal requirements).	4.A.(3)(a)
Allows 30 days for certification of a replacement monitor that is not a like-kind replacement monitor (unless prohibited under some other federal requirements.)	4.A.(3)(b)
Allows 90 days for certification of a CEMS replacement if emission unit is not operating 12 months or longer, unless prohibited under some other federal requirements.	4.A.(3)(c)
Clarifies that if a daily calibration drift check on a CEMS is not conducted; then data is considered invalid starting at the end of that day, unless the emissions unit being monitored was not operating at the time the calibration drift check was scheduled to be conducted.	4.B.(5)
Clarifies that a quarterly Cylinder Gas Audit (CGA) may be postponed, for a source that hasn't operated much (< 7 days) during the quarter.	4.B.(5)(b)
Clarifies that an annual Relative Accuracy Test Audit (RATA) may be postponed, for an emission source that hasn't operated much (< 7 days) during the quarter.	4.B.(5)(d)
Updates and clarifies CEMS data recovery requirements.	5.
Clarifies how long new and existing sources subject to the regulation have to achieve compliance.	9.